



## CLEARING PERMIT

*Granted under section 51E of the Environmental Protection Act 1986*

<b>Purpose Permit number:</b>	CPS 7347/1
<b>Permit Holder:</b>	City of Rockingham
<b>Duration of Permit:</b>	4 March 2017 to 4 March 2022

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

### PART I – CLEARING AUTHORISED

**1. Purpose for which clearing may be done**

Clearing for the purpose of road widening.

**2. Land on which clearing is to be done**

Baldivis Road Reserve (PINS 11752687, 11921947, 11921949, 11922062, 1191251 and 11754540), Baldivis

Lot 303 on Deposited Plan 407542, Baldivis

Lot 304 on Deposited Plan 407542, Baldivis

**3. Area of Clearing**

The Permit Holder must not clear more than 0.171 hectares of native vegetation within the area cross hatched yellow on attached Plan 7347/1.

**4. Application**

This Permit allows the Permit Holder to authorise persons, including employees, contractors and agents of the Permit Holder, to clear native vegetation for the purposes of this Permit subject to compliance with the conditions of this Permit and approval from the Permit Holder.

**5. Type of clearing authorised**

This Permit authorises the Permit Holder to clear native vegetation for the activities described in condition 1 of this Permit to the extent that the Permit Holder has the power to carry out works involving clearing for those activities under the *Local Government Act 1995* or any other written law.

## PART II – MANAGEMENT CONDITIONS

### 6. Avoid, minimise etc. clearing

In determining the amount of native vegetation to be cleared authorised under this Permit, the Permit Holder must have regard to the following principles, set out in order of preference:

- (a) avoid the clearing of native vegetation;
- (b) minimise the amount of native vegetation to be cleared; and
- (c) reduce the impact of clearing on any environmental value.

### 7. Dieback and weed control

(a) When undertaking any clearing or other activity authorised under this Permit, the Permit Holder must take the following steps to minimise the risk of the introduction and spread of *weeds* and *dieback*:

- (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (ii) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared;
- (iii) restrict the movement of machines and other vehicles to the limits of the areas to be cleared; and
- (iv) where *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is to be removed from the area to be cleared, ensure it is transferred to areas of comparable *soil disease status*.

## DEFINITIONS

The following meanings are given to terms used in this Permit:

*dieback* means the effect of *Phytophthora* species on native vegetation;

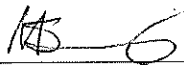
*fill* means material used to increase the ground level, or fill a hollow;

*mulch* means the use of organic matter, wood chips or rocks to slow the movement of water across the soil surface and to reduce evaporation;

*soil disease status* means soil types either infested, not infested, uninterpretable or not interpreted with a pathogen.

*weed/s* means any plant -

- (a) that is a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*; or
- (b) published in a Department of Parks and Wildlife Regional Weed Rankings Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.



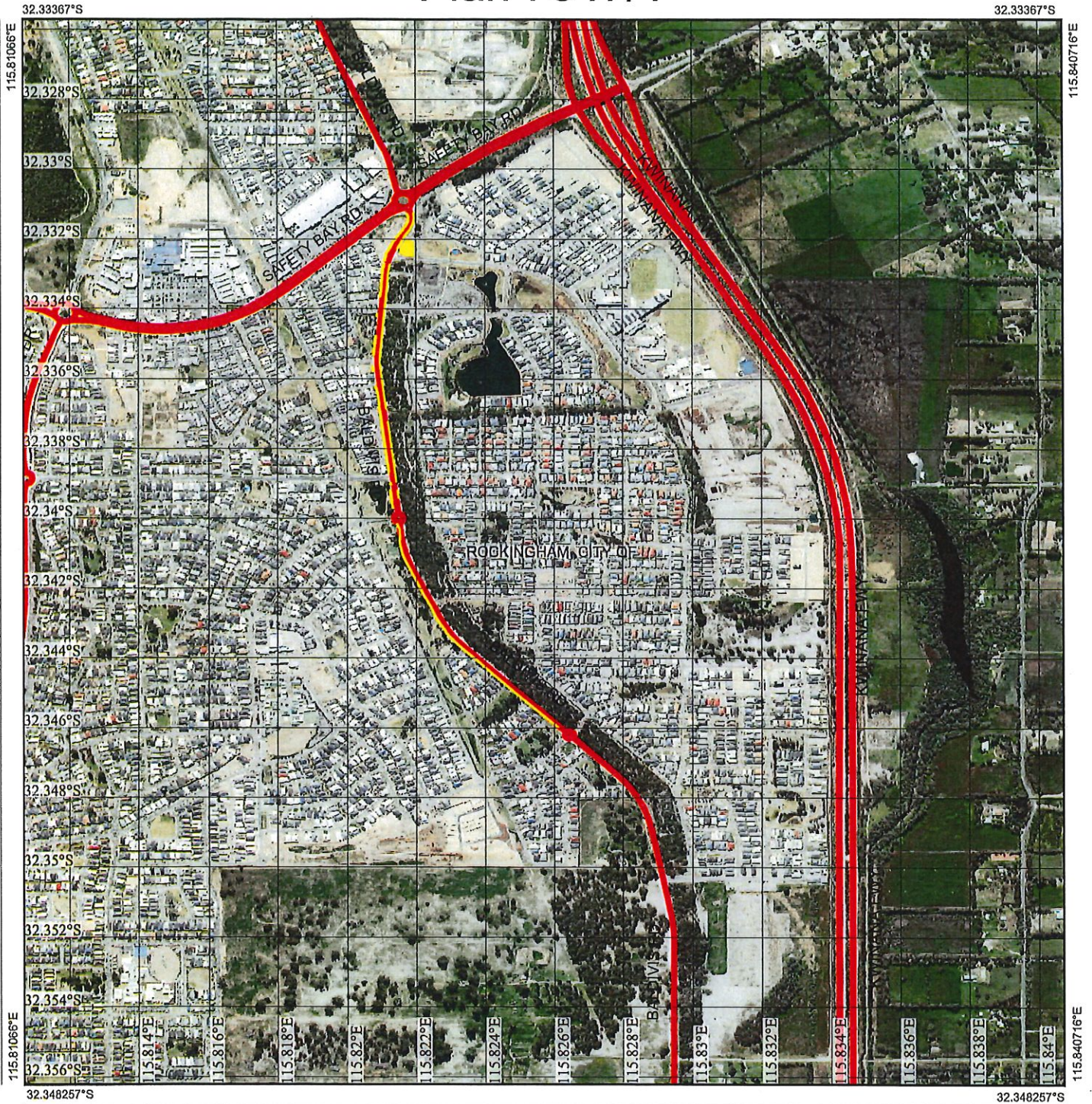
Mathew Gannaway  
MANAGER  
CLEARING REGULATION

*Officer delegated under Section 20  
of the Environmental Protection Act 1986*

2 February 2017



# Plan 7347/1



## Legend

-  Cadastre (Search)
-  Coastline
-  Roads - Main Road - Bridges
-  Roads - Freeway and National Highway - Bridges
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Roads - Freeway and National Highway



1:14,988  
 (Approximate when reproduced at A4)  
 GDA 94 (Lat/Long)  
 Geocentric Datum of Australia 1994

*Matthew Conway* Date 2/2/2017

Officer with delegated authority under Section 20 of the Environmental Protection Act 1986



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## 1. Application details

### 1.1. Permit application details

Permit application No.: 7347/1  
Permit type: Purpose Permit

### 1.2. Proponent details

Applicant's name: City of Rockingham

### 1.3. Property details

Property: Baldivis Road reserve (PINs 11752687, 11921947, 11921949, 11922062, 1191251 and 11754540), Lot 303 and Lot 304 on Deposited Plan 407542, Baldivis  
Local Government Authority: CITY OF ROCKINGHAM  
DER Region: Swan  
DPaW District: Swan Coastal  
Localities: BALDIVIS

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.171	0	Mechanical Removal	Road Construction or upgrades

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 2 February 2017  
Reasons for Decision: This clearing permit application received on 1 November 2016 has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the Environmental Protection Act 1986, and it has been concluded that the proposed clearing is not likely to be at variance to any of the clearing principles.

The Delegated Officer determined that the clearing is unlikely to have any significant environmental impacts.

To mitigate potential impacts to adjacent remnant native vegetation, the clearing permit will include a condition for the management of the spread of weeds and dieback.

## 2. Background

### 2.1. Existing environment and information

Vegetation Description	Clearing Description	Vegetation Condition	Comment
Mapped Beard vegetation association 968 is described as medium woodland; jarrah, marri & wandoo (Shepherd et al., 2001).	The clearing of 0.171 hectares of native vegetation within Baldivis Road reserve (PINs 11752687, 11921947, 11921949, 11922062, 1191251 and 11754540), Lot 303 and Lot 304 on Deposited Plan 407542, Baldivis for the purpose of road upgrades.	Degraded; Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994).	The description and condition of the vegetation within the application area was determined by a site inspection undertaken by the Department of Environment Regulation (DER) (DER, 2017).
Mapped Beard vegetation association 1001 is described as medium very sparse woodland; jarrah, with low woodland; <i>Banksia</i> & <i>Casuarina</i> (Shepherd et al., 2001).			
Mapped Heddle Karrakatta complex (central and south) is described as predominantly open forest of <i>Eucalyptus gomphocephala</i> (Tuart) - <i>Eucalyptus marginata</i> (Jarrah) - <i>Corymbia calophylla</i> (Marri) and woodland of <i>Eucalyptus marginata</i> (Jarrah) - <i>Banksia</i> species (Heddle et al., 1980).			

### 3. Assessment of application against clearing principles

**Comments** The applicant proposes to clear up to 0.171 hectares of native vegetation for the purpose of road upgrades. The vegetation within the application area is highly modified and no longer represents the mapped vegetation types. The vegetation consists of Jarrah, Marri, Sheoak and *Acacia* species and is highly modified due to the close proximity to an existing road carriage way. The general condition of the vegetation throughout the application area is considered to be in degraded (Keighery, 1994) condition (DER, 2017).

Given the degraded (Keighery, 1994) condition of the vegetation, the lack of understorey species for much of the application area, the extent of native vegetation in the local area that is in better condition, the size of the application area and the lack of hollow bearing trees, the proposed clearing is not likely to impact on rare or priority flora, a priority or threatened ecological community, conservation reserves within the local area or significant fauna habitat and is not likely to be classified as clearing a significant remnant within a highly cleared landscape.

The only wetlands and watercourse mapped within the application area are highly modified and therefore the proposed clearing is not likely to significantly impact on riparian vegetation, contribute to or cause land degradation, deteriorate the quality of ground water or surface water and is not likely to cause or exacerbate flooding.

The disturbance caused by the proposed clearing may increase the risk of weeds and dieback being introduced into adjacent areas of remnant vegetation. Weed and dieback management practices will assist in mitigating this risk.

Given the above, the proposed clearing is not likely to be at variance to the clearing principles.

**Methodology** References:  
DER (2017)  
Keighery (1994)

GIS Databases:  
- Hydrography, linear  
- Hydrography, hierarchy  
- Department of Parks and Wildlife tenure  
- SAC bio datasets accessed 18 January 2017  
- Virtual mosaic

### Planning instruments and other relevant matters.

**Comments** The application was received on 1 November 2016 and advertised in the West Australian on the 28 November 2016 with a 28 day submission period and was readvertised on 26 December 2016 with a 7 day submission period to rectify an administrative error with the original advertisement. No public submissions have been received in relation to this application.

One Aboriginal site of significance is mapped within the application area (Baldivis Road; artefacts and scatter).

The application area is zoned urban and parks and recreation under the Metropolitan Regional Scheme. The purpose for clearing is consistent with the purpose outlined in the scheme.

**Methodology** GIS Databases:  
- Aboriginal sites register system  
- Town Planning Scheme Zones

### 4. References

- DER (2017) Site Inspection Report for CPS 7347/1, 0.171 hectares along Baldivis Road for road upgrades (A1361570).
- Hedde, E. M., Loneragan, O. W., and Havel, J. J. (1980) Vegetation Complexes of the Darling System, Western Australia. In Department of Conservation and Environment, Atlas of Natural Resources, Darling System, Western Australia.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Shepherd, D.P., Beeston, G.R. and Hopkins, A.J.M. (2001) Native Vegetation in Western Australia, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia.